

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
Phone No. (512) 322-2212 Fax No. (512) 463-6693

## PRODUCT EVALUATION

WIN-1653

Effective Date: October 1, 2012

Reevaluation Date: **November 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.*

**Impervia Fiberglass Horizontal Slider Windows, Non-impact Resistant**, manufactured by

**Pella Corporation**

**102 Main Street**

**Pella, Iowa 50219**

**Telephone: (641) 621-1000**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Impervia Horizontal Slider Windows; (XO)	HS-LC30 72.0 x 72.0	± 30 psf
2	Impervia Horizontal Slider Windows; (XO)	HS-LC40 72.0 x 37.0	± 40 psf
3	Impervia Horizontal Slider Windows; (XO)	HS-LC50 72.0 x 37.0	± 50 psf
4	Impervia Horizontal Slider Windows; (XOX)	HS-LC50 96.0 x 37.0	± 50 psf
5	Impervia Horizontal Slider Windows; (XOX)	HS-LC35 96.0 x 37.0	± 35 psf
6	Impervia Horizontal Slider Windows; (XOX)	HS-LC30 108.0 x 37.0	± 30 psf
7	Impervia Horizontal Slider Windows; (XOX)	HS-LC30 108.0 x 37.0	± 30 psf
8	Impervia Horizontal Slider Windows; (XOX)	HS-LC30 124.0 x 60.0	± 30 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size
1	71.500" x 71.500"	One: 36.575" x 68.675"
2	71.500" x 36.750"	One: 36.575" x 33.975"
3	71.500" x 36.750"	One: 36.575" x 33.925"
4	96.250" x 36.750"	Two: 27.675" x 33.925"
5	96.250" x 36.750"	Two: 27.675" x 33.925"
6	107.500" x 36.750"	Two: 35.675" x 33.925"
7	107.500" x 36.750"	Two: 27.331" x 33.925"
8	124.250" x 59.500"	Two: 36.675" x 56.675"

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**Product Identification (Certification Agency Label on Window):**

System		
1-3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Impervia Sliding Window XO
	Test Standards	ANSI/AAMA/NWWDA 101/I.S.2-97; AAMA/WDMA/CSA 101/I.S.2/A440-05

System		
4-8	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Impervia Sliding Window XOX
	Test Standards	ANSI/AAMA/NWWDA 101/I.S.2-97; AAMA/WDMA/CSA 101/I.S.2/A440-05

**Impact Resistance:**

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing the nailing fin of the window with minimum 11 gauge smooth shank roofing nails. The fasteners shall be located approximately 3 to 6 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC) and the Texas Revisions.